

## EDUCATION

### Youngstown State University

Master of Computer Science, GPA – 3.90

Ohio, USA

Aug 2023 – Dec 2024

### Prakasam Engineering College

Bachelor of Information Technology, GPA – 3.80

Kandukur, India

Jun 2017 – July 2021

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## SKILLS

- **Programming Languages:** Java, Python, C, C++
  - **Frontend Technologies:** HTML, CSS, JavaScript, React.js, Flutter (cross-platform)
  - **Backend Technologies:** Java (Spring Boot), Python (Django/Flask), Node.js, Express.js
  - **Databases:** SQL, MySQL, PostgreSQL, MongoDB, NoSQL
  - **Tools & Platforms:** VS Code, Eclipse, Postman, Jupyter Notebook, Git, AWS (basics), Jira
  - **Deployment & DevOps:** Linux, Docker, CI/CD pipelines, Cloud platforms (AWS basics)
  - **Computer Science Fundamentals:** Data Structures, Algorithms, Object-Oriented Programming (OOP), Problem Solving, Operating Systems
  - **AI & Machine Learning:** Scikit-learn, TensorFlow, Keras, OpenCV, NumPy, Pandas, Matplotlib, Natural Language Processing (NLP), Generative AI (LLMs), Prompt Engineering, Responsible AI, Machine Learning
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## EXPERIENCE

### Full Stack Software Engineer — Crestsoft Inc

Jan 2025 — Present

- Developing and enhancing full-stack web applications using React.js, Java (Spring Boot), and Python (Flask/Django).
- Designing RESTful APIs, managing databases (MySQL), and ensuring secure, scalable backend architecture.
- Leading code reviews, mentoring interns, and promoting clean code practices.
- Contributing to deployment automation with Docker and Linux environments under Agile workflows.

### IT Intern — Crestsoft Inc

Sep 2024 – Dec 2024

- Supported front-end development using HTML, CSS, JavaScript, and React.js components.
- Participated in backend API development with Java (Spring Boot) and Python (Flask/Django).
- Assisted in writing optimized SQL queries and managing MySQL databases.
- Collaborated using Git, followed Agile practices, and helped resolve bugs using core CS principles.
- Contributed to basic deployment setup using Docker and Linux.

### Software Engineer — Mphasis

July 2021 – July 2023

- Built scalable backend services using Java (Spring Boot) and Node.js (Express.js).
- Developed responsive frontends with React.js and modern web standards.

- Managed both SQL (PostgreSQL) and NoSQL (MongoDB) databases.
- Integrated REST APIs with secure authentication (JWT, OAuth).
- Implemented CI/CD pipelines using Jenkins and Docker; actively participated in Agile ceremonies.

#### Developer and Testing Trainee — Qspiders

May 2021 – July 2021

- Developed UI modules using JavaScript, React.js, and basic Flutter.
- Performed manual/automated testing; used Postman for API validation.
- Wrote and optimized SQL queries for data validation.
- Learned SDLC, Agile practices, and Git-based version control.

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#### CERTIFICATIONS:

<a href="#">Cloud Computing 101</a> , aws educate	Mar '25
<a href="#">Generative AI</a> , aws educate	Mar '25
<a href="#">Data Science Methodology</a> , IBM	Mar '25
<a href="#">Python Data Structures</a> , Coursera	Mar '25
<a href="#">Programming for Everybody</a> , Coursera	May '20
<a href="#">Databricks Fundamentals</a> , Databricks Academy Accreditation	Jul '20
<a href="#">Generative AI Fundamentals</a> , Databricks Academy Accreditation	Jul '20
<a href="#">Prompt Design in Vertex AI</a> , Google Cloud	Mar '25
<a href="#">Introduction to Responsible AI</a> , Google Cloud	Mar '25
<a href="#">Introduction to Large Language Models</a> , Google Cloud	Mar '25
<a href="#">Introduction to Generative AI</a> , Google Cloud	Mar '25
<a href="#">Java</a> , Hackerrank	Feb '25
<a href="#">Software Engineer</a> , Hackerrank	Feb '25
<a href="#">SQL</a> , Hackerrank	Feb '25
<a href="#">scientific computing with python</a> , freeCodeCamp	Jan '25

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#### PROJECTS:

##### 1. Medicare Appointment Booking System – Django | Bootstrap | SQLite | Render

Live Demo: <https://medicareapp-1-qs13.onrender.com/>

GitHub: [github.com/vijaya-chintapalli/MedicareApp](https://github.com/vijaya-chintapalli/MedicareApp)

- Developed and deployed a full-stack healthcare appointment system with role-based dashboards for patients and doctors.
- Features include:
- Patient registration, login, appointment booking, editing, deletion (within 24 hours), and rescheduling.
- Doctor registration, login, and appointment approval/rejection.
- Specialty-based doctor filtering and dynamic dropdowns.
- Integrated a clean, responsive UI with Bootstrap and custom CSS (full-width layouts).

##### 2. Sudoku Solver with GUI – Java, Swing

GitHub: [github.com/vijaya-chintapalli/Sudoku-Solver](https://github.com/vijaya-chintapalli/Sudoku-Solver)

- Developed a GUI-based Sudoku Solver using **Java Swing**
- Enabled real-time cell validation and error highlighting
- Added keyboard navigation and a single-step hinting feature and Implemented backtracking algorithm for full puzzle solving

##### 3. OnlineCodeEvaluator – JavaScript

GitHub: <https://github.com/vijaya-chintapalli>